

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-687  
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That General Motors Corporation 1995 model-year exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: S3G4.3I9GFEJ      Displacement: 4.3 Liters (262 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Exhaust Gas Recirculation  
Three Way Catalytic Converter  
Heated Oxygen Sensors (Two)  
Multiport Fuel Injection  
On-Board Diagnostic II

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

| <u>Loaded Vehicle Weight(lbs.)</u> | <u>Miles</u> | <u>Non-Methane Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> |
|------------------------------------|--------------|---------------------------------|------------------------|------------------------|
| 0-3750                             | 50,000       | 0.25                            | 3.4                    | 0.4                    |
|                                    | 100,000      | 0.31                            | 4.2                    | n/a                    |

The certification exhaust emission values for this engine family in grams per mile are:

| <u>Loaded Vehicle Weight(lbs.)</u> | <u>Miles</u> | <u>Non-Methane Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> |
|------------------------------------|--------------|---------------------------------|------------------------|------------------------|
| 0-3750                             | 50,000       | 0.18                            | 2.6                    | 0.4                    |
|                                    | 100,000      | 0.22                            | 3.1                    | n/a                    |

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2235) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

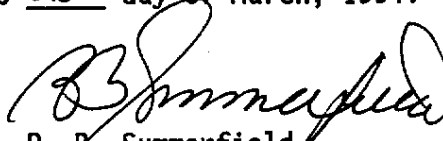
BE IT FURTHER RESOLVED: That the aforementioned vehicle models equipped with a partially complying on-board diagnostic system satisfy the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines," Title 13, California Code of Regulations, section 1968.1, pursuant to a waiver being granted under section 1968.1(m)(6.0), provided production of this engine family commences prior to April 1, 1994.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 25<sup>th</sup> day of March, 1994.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

(1995)

(A-6-687)

## CHEVROLET LIGHT DUTY TRUCK MODEL IDENTIFICATION

| MODEL       | NAME   | CAR LINE              | CODE  |
|-------------|--|-----------------------|-------|
| CK10703+E62 | K1500 SPORTSIDE PICKUP -<br>SHORT BOX              | K1500 PICKUP 4WD      | 55030 |
| CK10703+E63 | K1500 FLEETSIDE PICKUP -<br>SHORT BOX              |                       | 55030 |
| CK10753+E62 | K1500 SPORTSIDE PICKUP -<br>EXTENDED CAB SHORT BOX |                       | 55030 |
| CK10753+E63 | K1500 FLEETSIDE PICKUP -<br>EXTENDED CAB SHORT BOX |                       | 55030 |
| CK10903+E63 | K1500 FLEETSIDE PICKUP -<br>LONG BOX               |                       | 55030 |
| CK10953+E63 | K1500 FLEETSIDE PICKUP -<br>EXTENDED CAB LONG BOX  |                       | 55030 |
| CK20753+E63 | K2500 FLEETSIDE PICKUP -<br>EXTENDED CAB SHORT BOX | K2500 PICKUP 4WD      | 55035 |
| CK20903+E63 | K2500 FLEETSIDE PICKUP -<br>LONG BOX               |                       | 55035 |
| CK20953+E63 | K2500 FLEETSIDE PICKUP -<br>EXTENDED CAB LONG BOX  |                       | 55035 |
| CK10516     | K1500 BLAZER                                       | K1500 BLAZER 4WD      | 55075 |
| CK10906     | K1500 SUBURBAN                                     | K1500 SUBURBAN 4WD    | 55080 |
| CL10905     | ASTRO AWD - CARGO VAN                              | ASTRO AWD (CARGO)     | 55047 |
| CL11005     | ASTRO AWD - EXTENDED CARGO VAN                     |                       | 55047 |
| CL10906     | ASTRO AWD - PASSENGER VAN                          | ASTRO AWD (PASSENGER) | 55062 |
| CL11006     | ASTRO AWD - EXTENDED PASSENGER<br>VAN              |                       | 55062 |
| CM10905     | ASTRO - CARGO VAN                                  | ASTRO 2WD (CARGO)     | 55045 |
| CM11005     | ASTRO - EXTENDED CARGO VAN                         |                       | 55045 |
| CM10906     | ASTRO - PASSENGER VAN                              | ASTRO 2WD (PASSENGER) | 55060 |
| CM11006     | ASTRO - EXTENDED PASSENGER VAN                     |                       | 55060 |
| CS10603+E63 | S10 PICKUP - SHORT BOX                             | S10 PICKUP 2WD        | 55082 |
| CS10653+E63 | S10 PICKUP - EXTENDED CAB                          |                       | 55082 |
| CS10803+E63 | S10 PICKUP - LONG BOX                              |                       | 55082 |
| CS10507     | POSTAL VEHICLE - BARE CHASSIS                      | POSTAL CAB CHASSIS    | 55084 |
| CS10506     | S10 BLAZER - 4 DOOR                                | S10 BLAZER 2WD        | 55090 |
| CS10516     | S10 BLAZER - 2 DOOR                                |                       | 55090 |

(1995)

## GMC LIGHT DUTY TRUCK MODEL IDENTIFICATION

(A-6-687)

| MODEL       | NAME   | CAR LINE               | CODE  |
|-------------|--|------------------------|-------|
| TK10703+E62 | K1500 SPORTSIDE SIERRA<br>(SHORT BOX)              | K1500 SIERRA 4WD       | 80020 |
| TK10703+E63 | K1500 WIDESIDE SIERRA<br>(SHORT BOX)               |                        | 80020 |
| TK10753+E62 | K1500 SPORTSIDE SIERRA<br>(CLUB COUPE - SHORT BOX) |                        | 80020 |
| TK10753+E63 | K1500 WIDESIDE SIERRA<br>(CLUB COUPE - SHORT BOX)  |                        | 80020 |
| TK10903+E63 | K1500 WIDESIDE SIERRA (LONG BOX)                   |                        | 80020 |
| TK10953+E63 | K1500 WIDESIDE SIERRA<br>(CLUB COUPE - LONG BOX)   |                        | 80020 |
| TK20753+E63 | K2500 WIDESIDE SIERRA<br>(CLUB COUPE - SHORT BOX)  | K2500 SIERRA 4WD       | 80025 |
| TK20903+E63 | K2500 WIDESIDE SIERRA<br>(LONG BOX)                |                        | 80025 |
| TK20953+E63 | K2500 WIDESIDE SIERRA<br>(CLUB COUPE - LONG BOX)   |                        | 80025 |
| TK10516     | K1500 YUKON  | K1500 YUKON 4WD        | 80065 |
| TK10906     | K1500 SUBURBAN                                     | K1500 SUBURBAN 4WD     | 80070 |
| TL10905     | SAFARI AWD   | SAFARI AWD (CARGO)     | 80037 |
| TL11005     | SAFARI XT AWD (EXTENDED)                           |                        | 80037 |
| TL10906     | SAFARI AWD   | SAFARI AWD (PASSENGER) | 80052 |
| TL11006     | SAFARI AWD (EXTENDED)                              |                        | 80052 |
| TM10905     | SAFARI   | SAFARI 2WD (CARGO)     | 80035 |
| TM11005     | SAFARI XT (EXTENDED)                               |                        | 80035 |
| TM10906     | SAFARI   | SAFARI 2WD (PASSENGER) | 80050 |
| TM11006     | SAFARI XT (EXTENDED)                               |                        | 80050 |
| TS10603+E63 | SONOMA PICKUP<br>(REGULAR CAB - SHORT BOX)         | SONOMA PICKUP 2WD      | 80072 |
| TS10653+E63 | SONOMA PICKUP (CLUB COUPE)                         |                        | 80072 |
| TS10803+E63 | SONOMA PICKUP<br>(REGULAR CAB - LONG BOX)          |                        | 80072 |
| TS10506     | JIMMY (4 DR)                                       | JIMMY 2WD              | 80076 |
| TS10516     | JIMMY (2 DR)                                       |                        | 80076 |

## 1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: S3G4.319GFEJ

PASSENGER CARS\_\_\_ LIGHT DUTY TRUCKS\_X (T1) MEDIUM DUTY VEHICLES\_\_\_

FUEL TYPE: GAS (PHASE 2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 4.3 (262) EVAP FAMILY: S3G1089AYMON

ENGINE: FRONT\_X MID\_\_\_ REAR\_\_\_ DRIVE: FWD\_\_\_ RWD\_X 4WD-FT\_\_\_ 4WD-PT\_\_\_

EMISSION CONTROL SYSTEM &amp; SPECIAL FEATURES: EGR, TWC, HO2S(2), MFI, OBD II

DPA: SECTION 08.13.02.00

| ENG<br>CODE | VEH MODELS<br>(SEE PAGE 1)             | TRANS TYPE:<br>A-AUTO<br>M-MAN | EQUIV<br>TEST<br>WEIGHT | IGN SYSTEM<br>(ECM/PCM)<br>PART NO.                              | EGR<br>SYSTEM<br>PART NO. | CATALYST<br>PART NO.  |
|-------------|--|--------------------------------|-------------------------|--|---------------------------|-----------------------|
| 2           | S10603+E63<br>S10803+E63<br>S10653+E63 | A4                             | 3625<br><br>3875        | 16166340/BABB<br>16171715 - Eng<br>16171825,<br>16171835 - Trans | 17094058                  | 25146545,<br>25162494 |
| 2A          |  |                                |                         | 16166340/BABB<br>16206751 - Eng<br>16171825,<br>16171835 - Trans |                           |                       |
| 54,<br>54M  |  |                                |                         | 16166340/BABB<br>16206766 - Eng<br>16206760 - Trans              |                           |                       |
| 54A,<br>54N |  |                                |                         | 16166340/BARB<br>16206772 - Eng<br>16206760 - Trans              |                           |                       |
| 54B,<br>54P |  |                                |                         | 16166340/BARB<br>16206786 - Eng<br>16206788 - Trans              |                           |                       |
| 54C,<br>54R |  |                                |                         | 16166340/BARB<br>16206792 - Eng<br>16206788 - Trans              |                           |                       |

CARLINE  
CHEV S10 PICKUP 2WD  
GMC SONOMA PICKUP 2WD

CARLINE CODE  
55082  
80072

ISSUED: ML-SP086

REVISED: ML-SP092, ML-SR023, ML-SR045, ML-SR080, ML-SR092,  
ML-SR102, ML-SR114